

**Table ET5. Industrial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2016, North Dakota**

Year	Primary Energy												Retail Electricity	Total Energy f,g,h
	Coal			Natural Gas <sup>a</sup>	Petroleum						Biomass			
	Coking Coal	Steam Coal	Total		Distillate Fuel Oil	HGL <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total	Wood and Waste <sup>e,f</sup>	Total f,g,h		
Prices in Dollars per Million Btu														
1970	—	0.74	0.74	0.38	0.79	1.32	2.83	0.94	0.85	1.48	—	1.32	5.95	1.55
1975	—	1.26	1.26	1.00	2.72	2.68	4.69	1.94	2.16	3.24	—	2.78	8.00	3.18
1980	—	2.63	2.63	2.58	5.50	5.29	9.97	3.19	4.18	6.30	—	5.51	9.94	6.02
1985	—	0.63	0.63	4.19	6.28	8.79	9.64	3.49	5.35	6.63	—	2.55	15.27	3.30
1990	—	0.63	0.63	3.24	5.87	6.58	9.87	2.64	3.82	5.95	2.17	2.07	14.05	2.62
1995	—	0.80	0.80	2.76	4.87	7.59	9.17	2.38	3.82	5.42	1.01	1.90	13.19	2.37
1996	—	0.74	0.74	2.87	5.86	9.26	9.84	2.94	3.67	6.19	1.27	2.15	13.00	2.65
1997	—	0.74	0.74	2.90	5.37	9.02	9.68	3.05	3.81	5.54	1.24	2.10	12.83	2.62
1998	—	0.76	0.76	2.72	4.24	7.88	8.47	2.64	3.41	4.67	1.03	1.88	12.61	2.41
1999	—	0.74	0.74	2.68	5.02	8.08	9.22	2.69	3.38	4.91	0.76	1.98	11.83	2.64
2000	—	0.74	0.74	4.00	7.97	11.25	12.41	3.93	5.23	8.07	0.89	2.66	11.65	3.26
2001	—	0.68	0.68	5.12	7.28	11.93	12.11	4.27	4.76	8.22	1.39	3.25	11.67	3.73
2002	—	0.74	0.74	4.30	6.59	9.95	11.34	3.40	4.91	7.09	1.50	2.60	11.66	3.12
2003	—	0.77	0.77	3.85	7.84	12.31	12.59	3.16	5.78	8.39	1.58	2.60	11.62	3.21
2004	—	0.81	0.81	5.58	10.08	13.69	14.97	3.74	5.44	10.09	1.69	3.79	12.10	4.35
2005	—	0.83	0.83	9.02	14.39	16.92	18.16	6.59	5.77	12.70	2.02	4.73	12.67	5.25
2006	—	0.87	0.87	6.26	16.44	18.73	20.58	7.72	8.68	14.55	1.57	5.15	14.64	5.78
2007	—	0.89	0.89	6.56	18.50	21.02	23.35	8.51	11.11	18.20	1.76	5.68	15.35	6.42
2008	—	0.90	0.90	7.97	24.77	25.06	26.17	12.29	12.57	23.43	1.78	7.54	16.38	8.20
2009	—	1.06	1.06	4.94	14.75	19.34	19.65	7.91	12.04	14.88	1.38	4.81	15.38	5.62
2010	—	1.09	1.09	4.95	18.67	19.87	23.50	8.35	R 16.47	R 18.51	1.47	R 6.54	17.04	R 7.28
2011	—	1.71	1.71	4.75	25.24	22.93	29.92	15.48	R 18.08	R 24.05	R 1.79	R 9.91	18.29	R 10.50
2012	—	1.42	1.42	4.21	25.44	16.45	30.57	16.75	R 22.41	R 24.89	R 1.66	R 10.19	19.20	R 10.93
2013	—	1.38	1.38	3.87	24.84	17.63	29.82	—	R 19.57	R 23.79	R 1.50	R 10.98	20.89	R 11.78
2014	—	1.61	1.61	5.17	23.18	20.00	28.51	15.80	R 21.05	R 22.84	R 1.74	R 11.00	22.33	R 12.19
2015	—	1.94	1.94	2.88	14.88	10.48	20.46	10.18	R 19.13	R 15.46	R 1.61	R 6.33	23.64	R 8.22
2016	—	1.86	1.86	2.41	11.97	9.63	18.19	—	17.96	12.92	1.08	4.77	23.39	7.11
Expenditures in Million Dollars														
1970	—	5.4	5.4	0.7	10.0	1.0	34.4	2.3	8.6	56.3	—	62.3	14.3	76.7
1975	—	9.4	9.4	1.9	25.6	1.8	54.1	4.6	16.8	102.9	—	114.1	27.0	141.1
1980	—	20.2	20.2	2.6	78.8	13.0	80.7	4.1	23.1	199.8	—	222.6	52.6	275.2
1985	—	44.9	44.9	8.7	105.5	10.3	54.7	4.8	39.6	214.9	—	268.8	101.1	369.9
1990	—	53.9	53.9	12.9	103.0	14.4	41.4	3.6	21.3	183.7	0.1	250.9	82.2	333.1
1995	—	79.5	79.5	16.4	85.6	21.8	32.8	1.1	20.7	162.0	0.3	258.3	77.7	336.0
1996	—	66.4	66.4	21.3	99.0	35.0	29.5	1.1	22.8	187.4	0.3	275.4	79.4	354.8
1997	—	63.8	63.8	58.9	81.5	23.0	22.7	1.7	32.0	160.9	0.4	283.9	88.5	372.4
1998	—	67.3	67.3	54.4	63.2	18.5	24.8	0.1	33.1	139.7	0.3	261.8	91.7	353.4
1999	—	65.0	65.0	45.9	68.9	27.1	20.9	0.2	47.6	164.7	0.4	276.0	118.5	394.5
2000	—	71.0	71.0	54.6	127.6	50.3	28.6	0.9	39.5	247.0	0.4	373.0	117.5	490.5
2001	—	63.4	63.4	86.5	144.6	127.1	33.3	0.3	43.1	348.4	1.0	499.3	106.7	606.0
2002	—	68.2	68.2	76.0	108.8	44.3	32.5	(s)	37.2	222.9	0.5	367.6	102.0	469.5
2003	—	73.4	73.4	51.3	131.4	30.6	37.5	0.7	26.7	227.0	0.5	352.2	114.0	466.2
2004	—	68.4	68.4	85.8	207.0	61.5	55.8	1.0	38.2	363.5	1.3	519.1	120.9	640.0
2005	—	76.2	76.2	100.2	313.3	69.9	59.1	8.5	53.5	504.4	2.4	683.0	128.1	811.1
2006	—	83.3	83.3	84.7	361.0	67.7	72.3	4.4	109.3	614.7	2.1	784.7	158.1	942.8
2007	—	82.1	82.1	113.0	413.9	89.8	69.4	3.5	47.5	624.2	1.8	821.0	183.9	1,004.9
2008	—	82.4	82.4	158.5	717.8	57.7	59.7	6.0	50.2	891.4	1.6	1,133.9	200.1	1,334.0
2009	—	99.1	99.1	72.1	335.7	57.7	45.8	2.8	79.3	521.3	1.2	693.6	184.3	877.9
2010	—	104.7	104.7	111.9	656.7	55.1	35.4	1.9	R 119.9	R 869.0	1.4	R 1,086.9	216.2	R 1,303.1
2011	—	159.1	159.1	130.7	1,262.1	39.6	47.6	3.8	R 195.6	R 1,548.6	R 2.1	R 1,840.4	260.3	R 2,100.7
2012	—	134.0	134.0	107.5	1,408.7	35.3	43.3	0.7	R 180.9	R 1,668.9	R 1.7	R 1,912.0	323.6	R 2,235.7
2013	—	121.3	121.3	104.4	1,592.9	67.5	44.8	—	R 245.5	R 1,950.9	R 2.0	R 2,178.5	362.7	R 2,541.2
2014	—	150.4	150.4	139.9	1,652.9	67.0	37.4	0.1	R 260.4	R 2,017.7	R 2.3	R 2,310.4	550.8	R 2,861.2
2015	—	186.0	186.0	89.0	675.7	29.0	41.6	(s)	R 155.4	R 901.7	R 2.1	R 1,178.8	538.5	R 1,717.3
2016	—	174.7	174.7	73.6	390.3	25.1	33.9	—	107.0	556.1	1.3	805.7	568.4	1,374.1

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.<sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in the expenditure series between 2014 and 2015 because of changes in consumption estimates from the source. See Consumption Technical Notes, Section 4.<sup>d</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.<sup>g</sup> There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.

Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.

Notes: Expenditure totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.